



# Product Evaluation

DR847 | 0517

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

**Evaluation ID:** DR-847

**Effective Date:** May 1, 2017

**Re-evaluation Date:** April 2020

**Product Name:** Steel Out-Swing Side Hinged Double Door Assembly w/Transom, Impact Resistant

**Manufacturer:** Cantera Doors & More Inc.  
3698 R.R. 620 South, Suite 101  
Austin, TX 78738

### General Description:

System	Description	Label Rating		Drawing
		Water Penetration	No Water Penetration	
1	Steel Out-Swing Side Hinged Double Door w/Transom & Surface Bolts (O/OX)	+15/-70 PSF	+70/-70 PSF	CANT1003
2	Steel Out-Swing Side Hinged Double Door w/Arch Transom & Surface Bolts (O/OX)	+45/-70 PSF	+70/-70 PSF	CANT1003

### Product Dimensions:

System	Overall Size	Panel Type	Panel Size	Panel Daylight Opening Size
1	75" x 157.50"	Active Door	36.50" x 119.43"	22.5" x 106.5"
		Passive Door	35.87" x 119.43"	22.5" x 106.5"
		Transom (Rectangular)	72.37" x 36"	70.25" x 32.75"

**Product Dimensions (continued):**

System	Overall Size	Panel Type	Panel Size	Panel Daylight Opening Size
2	75" x 157.50"	Active Door	36.50" x 119.43"	22.5" x 106.5"
		Passive Door	35.87" x 119.43"	22.5" x 106.5"
		Transom (Arch)	75" x 36" Radius	70.25" x 32.75" R

**Components and Hardware:**

System	Component	QTY per System	Attachment Method
1-2	4-1/2" Hinges Haggar BB1191 Series	10	Hardware and components must be install in accordance with Cantera Doors & More Inc. drawing No: CANT1003, titled: "Steel Outswing Doors with & without Transoms", sheets 1 thru 11 of 11, dated 2/26/16, signed, dated & sealed by Robert James Amoruso P.E. on 3/14/16.
	Deadbolt Baldwing 8231 Series	1	
	Steel Surface Bolt 1.25" x 6"x 0.75 Diam Bolt	4	

**Product Identification (Certification Label on Door):**

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Cantera Doors
	Product Name	Steel Out-Swing Side-hinged Double Door w/Transom
	Test Standards	TAS 201/202/203-94 Large Missile Impact
2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Cantera Doors
	Product Name	Steel Out-Swing Side-hinged Double Door w/Arch Transom
	Test Standards	TAS 201/202/203-94 Large Missile Impact

**Impact Resistance:**

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. The products passed the equivalent of Missile Level D in ASTM E 1996-04. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Acceptance of Smaller Assemblies:** Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

**Installation:**

System		
1-2	Type of Installation	The doors must be installed and anchored in accordance with Cantera Doors & More Inc. drawing No: CANT1003, titled: "Steel Outswing Doors with & without Transoms", sheets 1 thru 11 of 11, dated February 26, 2016, signed, dated & sealed by Robert James Amoruso P.E. on March 14, 2016.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.